DEPARTMENT OF THE ARMY PERMIT

Permittee: Florida Department of Transportation - District One

Permit No: SAJ-2008-1430 (IP-JPF)

Issuing Office: <u>U.S. Army Engineer District</u>, Jacksonville

NOTE: The term "you" and its derivatives, as used in this permit, mean the permittee or any future transferee. The term "this office" refers to the appropriate district or division office of the U.S. Army Corps of Engineers having jurisdiction over the permitted activity or the appropriate official of that office acting under the authority of the commanding officer.

You are authorized to perform work in accordance with the terms and conditions specified below.

Project Description: The applicant proposes to impact approximately 2.73 acres of wetlands to construct two additional travel lanes along an approximately 3.69-mile long segment of US 301, with attendant stormwater management facilities. The applicant states that the project design reflects all practicable measures for avoidance and minimization of impacts, including for the siting of the stormwater management system. As mitigation for the project impacts, the applicant proposes to provide mitigation at the Hidden Harbour mitigation site via the FDOT Mitigation Plan pursuant to 373.4137 (F.S.). The project is referenced by FDOT as FPID Number 422603.

Geographic Position (Center Point of Project):

Latitude 27.557652 Longitude - 82.450008

Project Location: The project site involves proposed impacts to unnamed wetlands and surface waters located along an approximately 3.69-mile long segment of US 301 from Erie Road to CR 675, in Sections 1 and 2, Township 34 South, Range 18 East, Sections 29, 31, and 32, Township 33 South, Range 19 East, and Section 6, Township 34 South, Range 19 East, in Manatee County. The project is within the Manatee River Watershed (3100202).

Permit Conditions:

General Conditions:

- 1. The time limit for completing the work authorized ends on **November 10, 2013**. If you find that you need more time to complete the authorized activity, submit your request for a time extension to this office for consideration at least one month before the above date is reached.
- 2. You must maintain the activity authorized by this permit in good condition and in conformance with the terms and conditions of this permit. You are not relieved of this requirement if you abandon the permitted activity, although you may make a good faith transfer to a third party in compliance with General Condition 4 below. Should you wish to cease to maintain the authorized activity or should you desire to abandon it without a good faith transfer,

you must obtain a modification of this permit from this office, which may require restoration of the area.

- 3. If you discover any previously unknown historic or archeological remains while accomplishing the activity authorized by this permit, you must immediately notify this office of what you have found. We will initiate the Federal and State coordination required to determine if the remains warrant a recovery effort or if the site is eligible for listing in the National Register of Historic Places.
- 4. If you sell the property associated with this permit, you must obtain the signature and mailing address of the new owner in the space provided and forward a copy of the permit to this office to validate the transfer of this authorization.
- 5. If a conditioned water quality certification has been issued for your project, you must comply with the conditions specified in the certification as special conditions to this permit. For your convenience, a copy of the certification is attached if it contains such conditions.
- 6. You must allow representatives from this office to inspect the authorized activity at any time deemed necessary to ensure that it is being or has been accomplished in accordance with the terms and conditions of your permit.

Special Conditions:

- 1. Reporting Address: All reports, documentation and correspondence required by the conditions of this permit shall be submitted to the following address: U.S. Army Corps of Engineers, Regulatory Division, Enforcement Section, P.O. Box 4970, Jacksonville, FL 32232. The Permittee shall reference this permit number, SAJ-2007-4508 (IP JPF), on all submittals.
- 2. **Commencement Notification:** Within 10 days from the date of initiating the authorized work, the Permittee shall provide to the Corps a written notification of the date of commencement of work authorized by this permit.
- 3. **In-Lieu Fee Credit Purchase:** Within 30 days from the date of initiating the authorized work or 12 months from the effective date of this permit, whichever first occurs, the Permittee shall provide verification to the Corps that mitigation equivalent to 0.41 units of wetland function has been funded via the FDOT Mitigation Plan pursuant to 373.4137 (F.S.) at the Hidden Harbour mitigation site (SW 80). The required verification shall reference this project's permit number, SAJ-2008-1707 (IP-JPF).
- 4. **As-Builts:** Within 60 days of completion of the authorized work or at the expiration of the construction window of this permit, whichever occurs first, the Permittee shall submit as-built drawings of the authorized work and a completed As-Built Certification Form to the Corps. The drawings shall be signed and sealed by a registered professional engineer and include the following:

- a. A plan view drawing of the location of the authorized work footprint (as shown on the permit drawings) with an overlay of the work as constructed in the same scale as the attached permit drawings (8½-inch by 11-inch). The drawing should show all "earth disturbance," including wetland impacts, water management structures, and any on-site mitigation areas.
- b. List any deviations between the work authorized by this permit and the work as constructed. In the event that the completed work deviates, in any manner, from the authorized work, describe on the As-Built Certification Form the deviations between the work authorized by this permit and the work as constructed. Clearly indicate on the as-built drawings any deviations that have been listed. Please note that the depiction and/or description of any deviations on the drawings and/or As-Built Certification Form does not constitute approval of any deviations by the U.S. Army Corps of Engineers.
 - c. The Department of the Army Permit number.
 - d. Include pre- and post-construction aerial photographs of the project site, if available.
- 5. **Erosion Control:** Prior to the initiation of any work authorized by this permit, the Permittee shall install erosion control measures along the perimeter of all work areas to prevent the displacement of fill material. Immediately after completion of the final grading of the land surface, all slopes, land surfaces, and filled areas adjacent to wetlands shall be stabilized using sod, degradable mats, or a combination of similar stabilizing materials to prevent erosion. The erosion control measures shall remain in place and be maintained until all authorized work has been completed and the site has been stabilized.
- 6. Eastern Indigo Snakes: The permittee agrees to implement the attached 'Standard Protection Measures for the Eastern Indigo Snake' (as revised July 27, 1999) to minimize the potential for impacts to the eastern indigo snake.

Further Information:

- 1. Congressional Authorities: You have been authorized to undertake the activity described above pursuant to:
 - () Section 10 of the Rivers and Harbors Act of 1899 (33 U.S.C. 403).
 - (X) Section 404 of the Clean Water Act (33 U.S.C. 1344).
- () Section 103 of the Marine Protection, Research and Sanctuaries Act of 1972 (33 U.S.C. 1413).
- 2. Limits of this authorization.
- a. This permit does not obviate the need to obtain other Federal, State, and local authorization required by law.

- b. This permit does not grant any property rights or exclusive privileges.
- c. This permit does not authorize any injury to the property or rights of others.
- d. This permit does not authorize interference with any existing or proposed Federal projects.
- 3. Limits of Federal Liability. In issuing this permit, the Federal Government does not assume any liability for the following:
- a. Damages to the permitted project or uses thereof as a result of other permitted or unpermitted activities or from natural causes.
- b. Damages to the permitted project or uses thereof as a result of current or future activities undertaken by or on behalf of the United States in the public interest.
- c. Damages to persons, property, or to other permitted or unpermitted activities or structures caused by the activity authorized by this permit.
 - d. Design or construction deficiencies associated with the permitted work.
- e. Damage claims associated with any future modification, suspension, or revocation of this permit.
- 4. Reliance on Applicant's Data: The determination of this office that issuance of this permit is not contrary to the public interest was made in reliance on the information you provided.
- 5. Reevaluation of Permit Decision: This office may reevaluate its decision on this permit at any time the circumstances warrant. Circumstances that could require a reevaluation include, but are not limited to, the following:
 - a. You fail to comply with the terms and conditions of this permit.
- b. The information provided by you in support of your permit application proves to have been false, incomplete, or inaccurate (see 4 above).
- c. Significant new information surfaces which this office did not consider in reaching the original public interest decision.

Such a reevaluation may result in a determination that it is appropriate to use the suspension, modification, and revocation procedures contained in 33 CFR 325.7 or enforcement procedures such as those contained in 33 CFR 326.4 and 326.5. The referenced enforcement procedures provide for the issuance of an administrative order requiring you comply with the terms and conditions of your permit and for the initiation of legal action where appropriate. You will be required to pay for any corrective measures ordered by this office, and if you fail to comply with such directive, this office may in certain situations (such as those specified in 33 CFR 209.170) accomplish the corrective measures by contract or otherwise and bill you for the cost.

6. Extensions: General Condition 1 establishes a time limit for the completion of the activity authorized by this permit. Unless there are circumstances requiring either a prompt completion

of the authorized activity or a reevaluation of the public interest decision, the Corps will normally give favorable consideration to a request for an extension of this time limit.

FDOT DITRET PERMIT ENGINEER

This permit becomes effective when the Federal official, designated to act for the Secretary of the Army, has signed below.

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(DISTRICT ENGINEER) Paul L. Grosskruger Colonel, U.S. Army

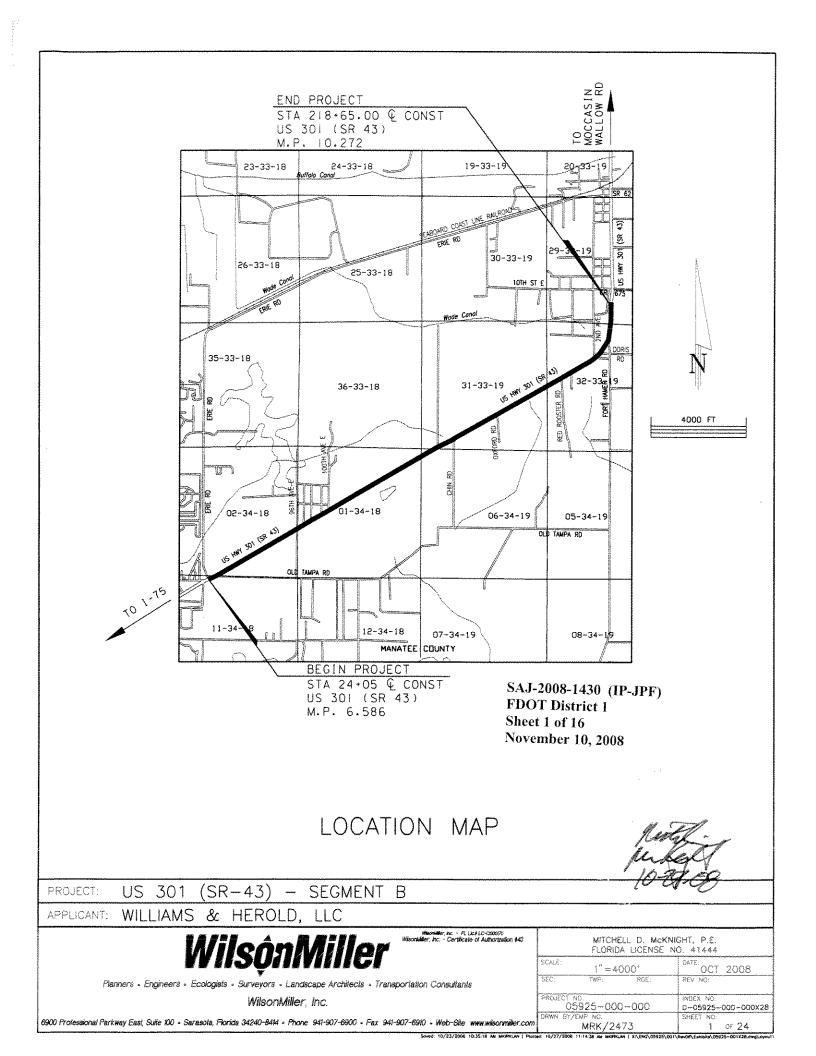
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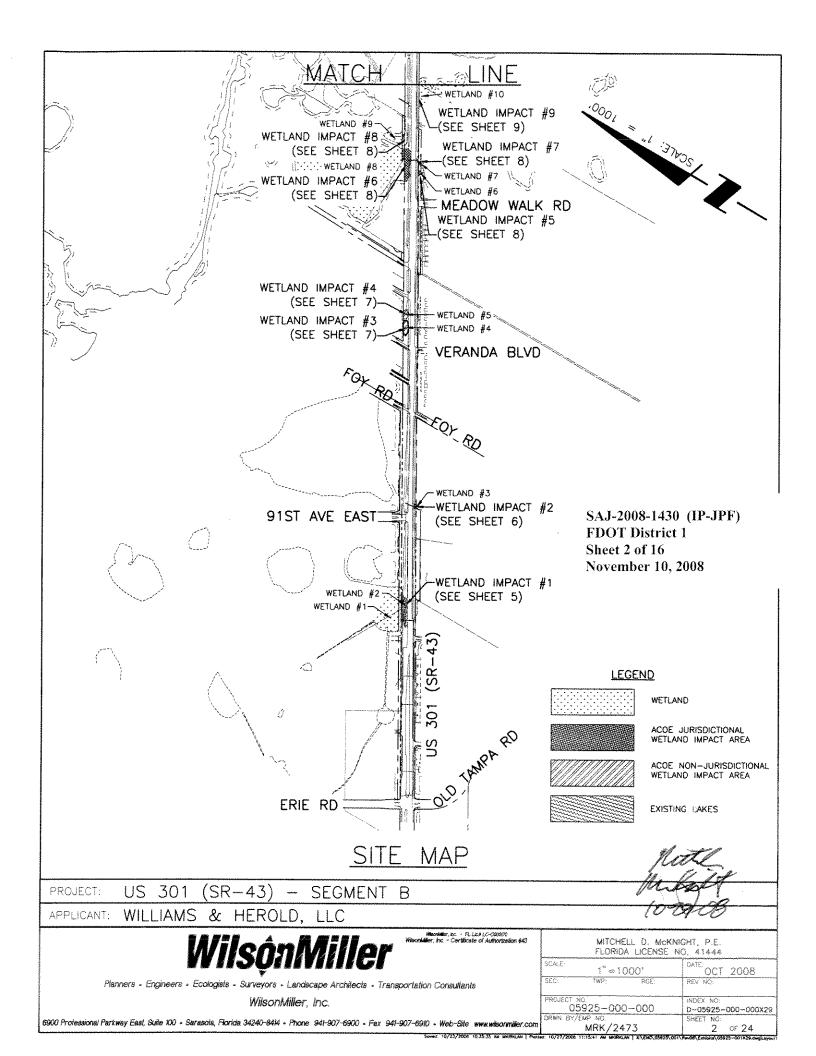
When the structures of work authorized by this permit are still in existence at the time the property is transferred, the terms and conditions of this permit will continue to be binding on the new owner(s) of the property. To validate the transfer of this permit and the associated liabilities associated with compliance with its terms and conditions, have the transferce sign and date below.

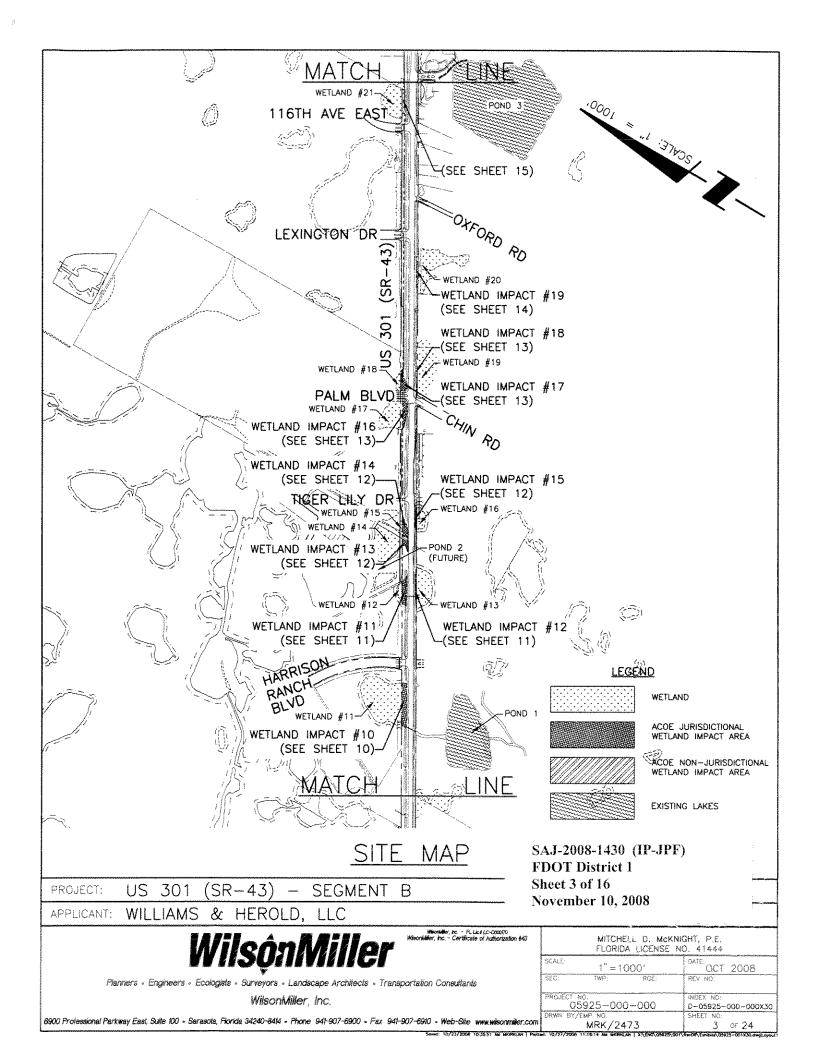
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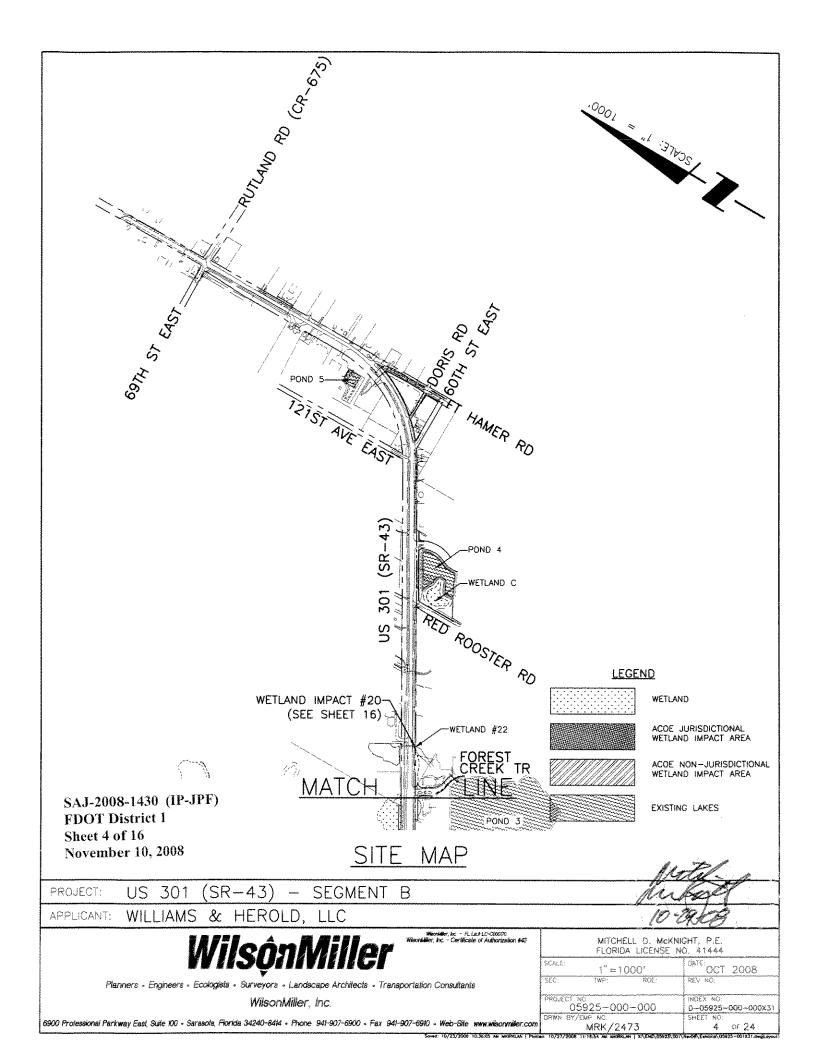
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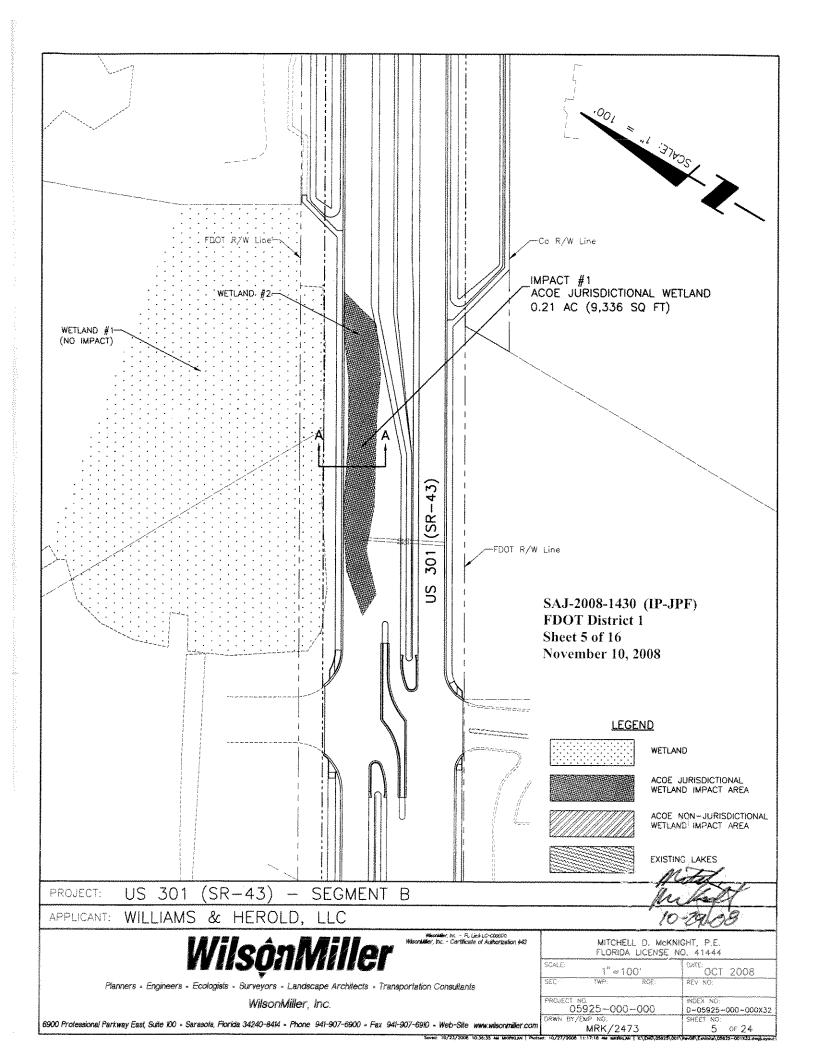
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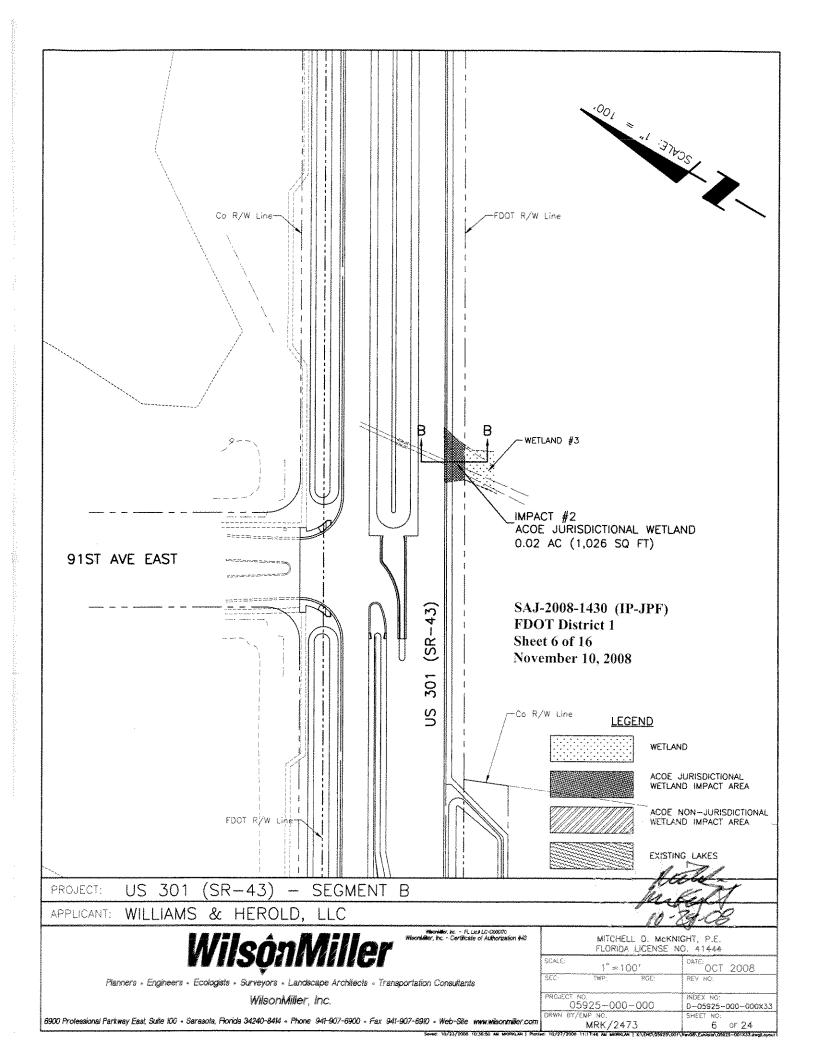


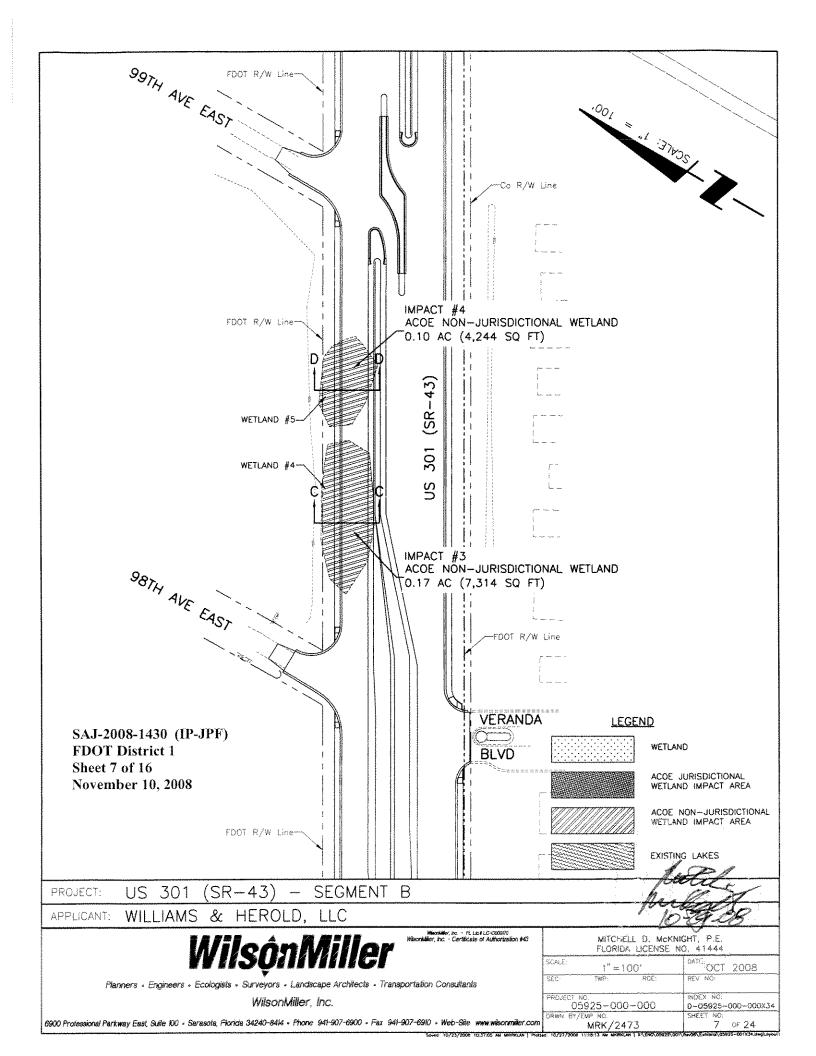


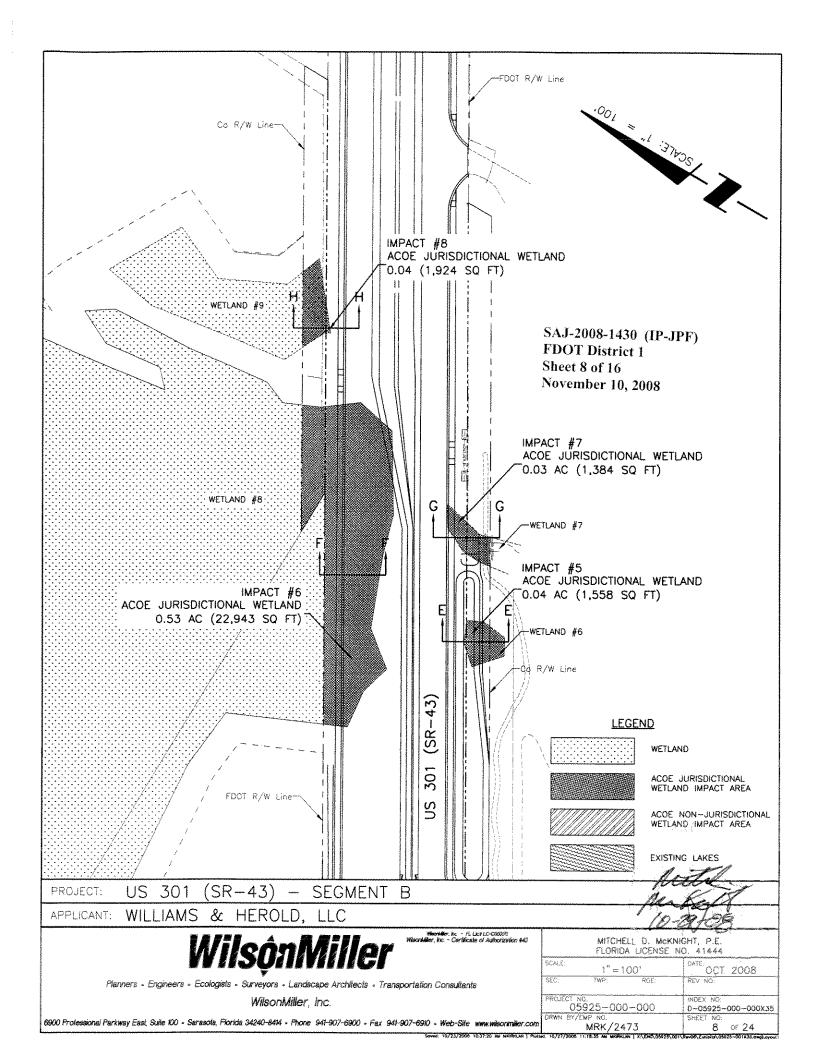


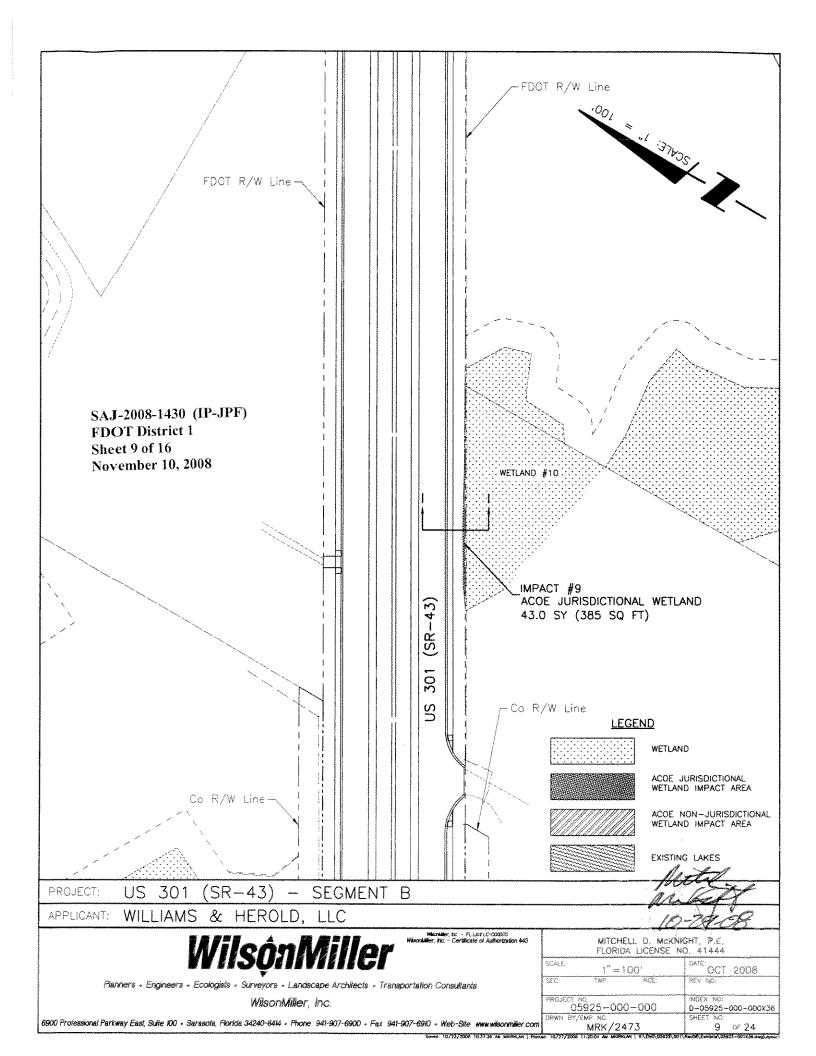


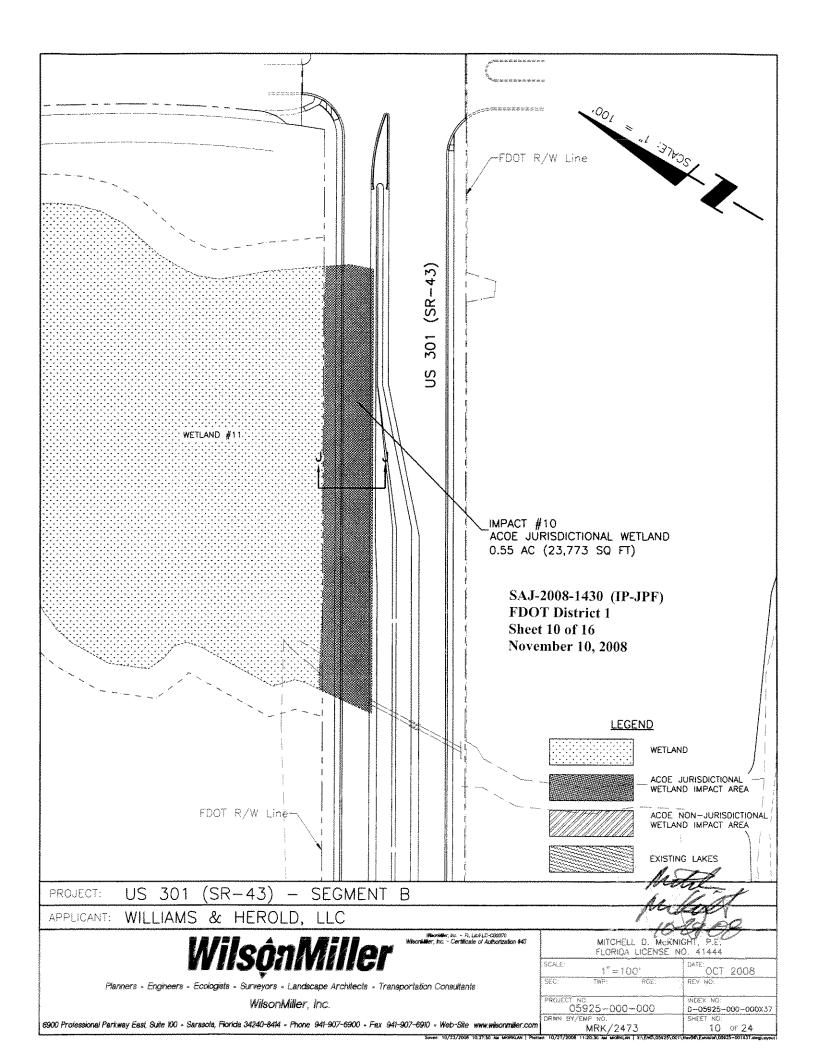


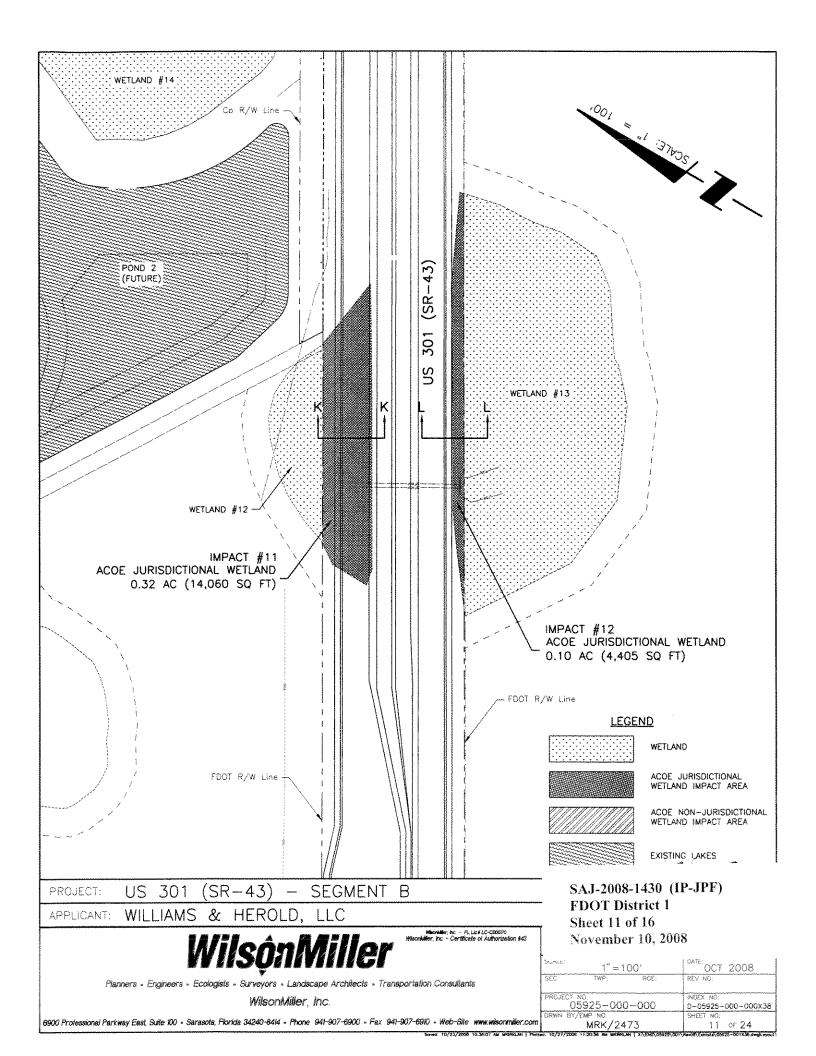


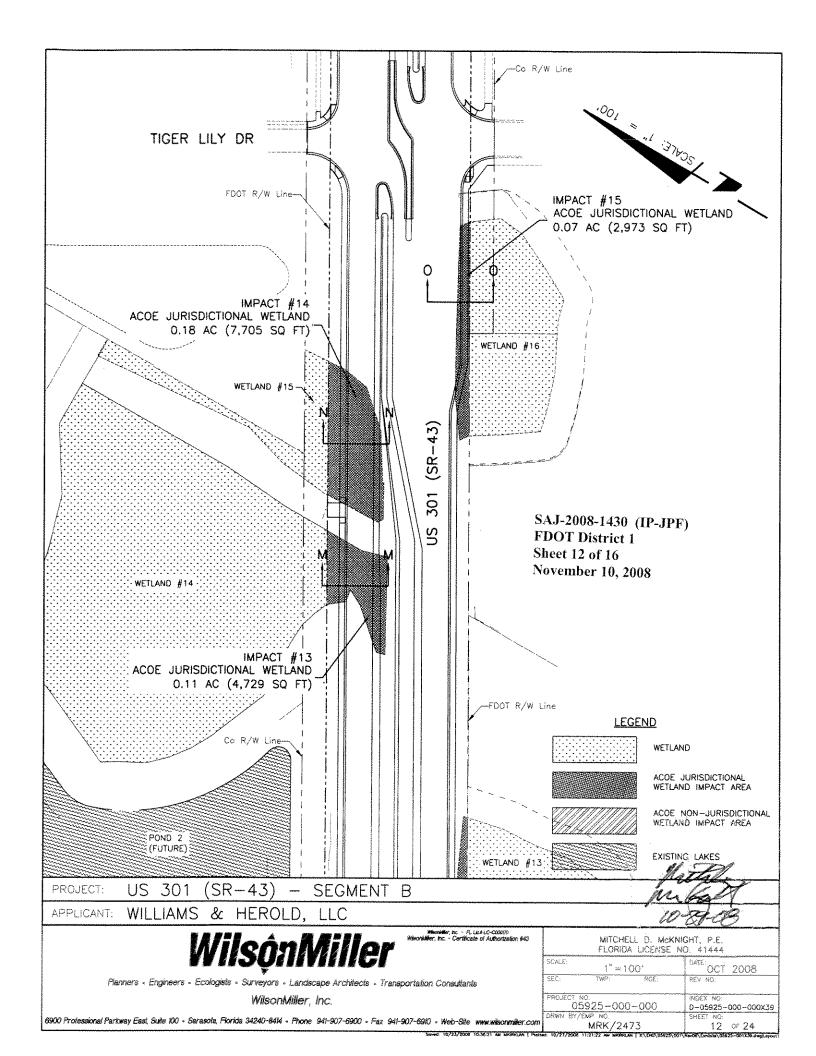


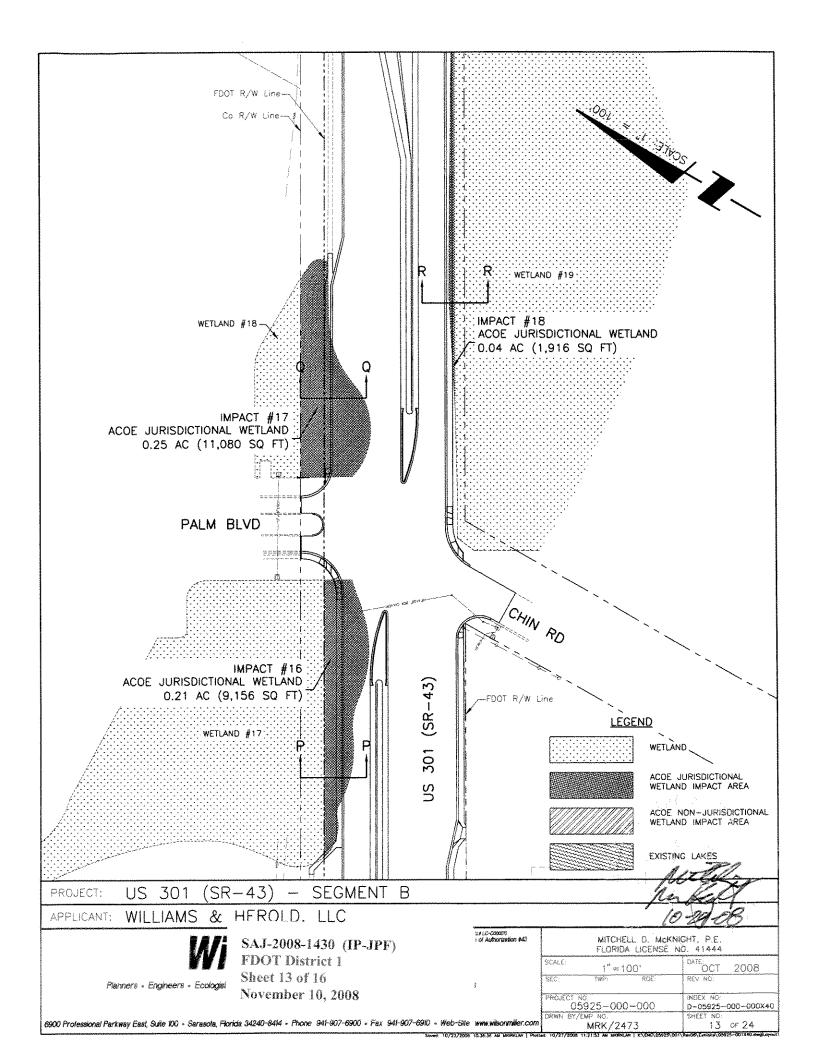


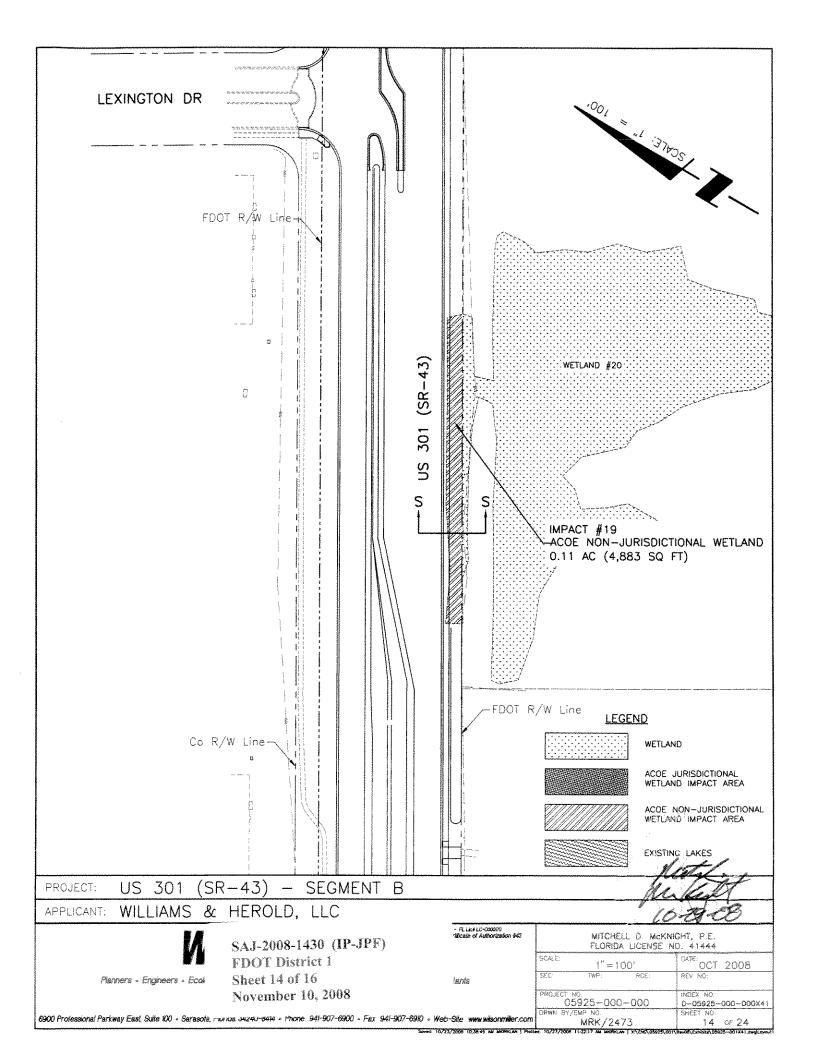


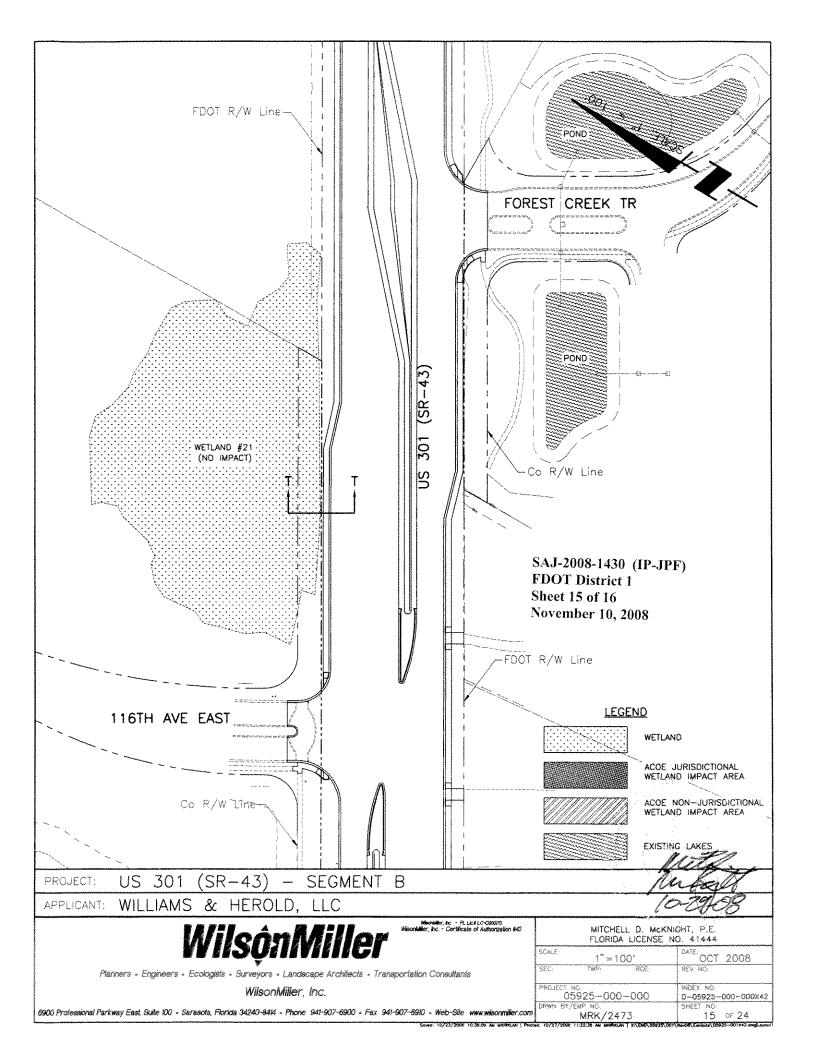


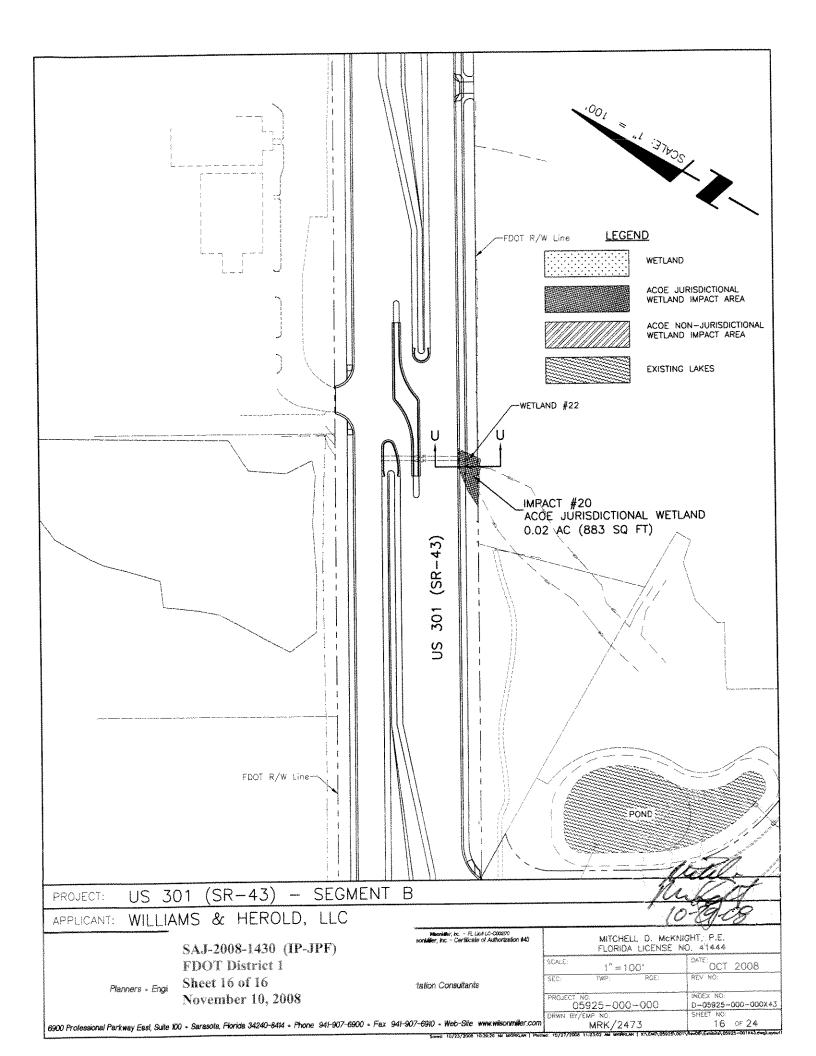












SOUTHWEST FLORIDA WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE INDIVIDUAL CONSTRUCTION PERMIT NO. 43012295 005

Expiration Date: September 30, 2013

PERMIT ISSUE DATE: September 30, 2008

This permit is issued under the provisions of Chapter 373, Florida Statutes, (F.S.), and the Rules contained in Chapters 40D-4 and 40, Florida Administrative Code, (F.A.C.). The permit authorizes the Permittee to proceed with the construction of a surface water management system in accordance with the information outlined herein and shown by the application, approved drawings, plans, specifications, and other documents, attached hereto and kept on file at the Southwest Florida Water Management District (District). Unless otherwise stated by permit specific condition, permit issuance constitutes certification of compliance with state water quality standards under Section 401 of the Clean Water Act, 33 U.S.C. 1341. All construction, operation and maintenance of the surface water management system authorized by this permit shall occur in compliance with Florida Statutes and Administrative Code and the conditions of this permit.

PROJECT NAME:

FDOT - US 301 - Segment B (From Erie Road to CR 675)

GRANTED TO:

Florida Department of Transportation

Post Office Box 1249 Bartow, FL 33831-1249

ABSTRACT: This permit authorizes the construction of a surface water management system to serve a 71.00-acre road project known as US 301 - Segment B. The project spans a 3.7-mile section of US 301 from Erie Road/Old Tampa Road extending northeast to CR 675 (Rutland Road), in Manatee County. Information regarding the surface water management system, 100-year floodplain, wetlands and/or surface waters is stated below and on the permitted construction drawings for the project.

OP. & MAINT, ENTITY:

Florida Department of Transportation, Duke Family Ranch Limited Partnership, Pulte Home Corporation, Forest Creek Community

Development District, Lakeside Preserve Homeowners' Association, Inc.,

Parrish Fire Control District

COUNTY:

Manatee

SEC/TWP/RGE:

1, 2/34S/18E, 6/34S/19E and 29, 31, 32/33S/19E

TOTAL ACRES OWNED

OR UNDER CONTROL:

71.00

PROJECT SIZE:

71.00 Acres

LAND USE:

Government

DATE APPLICATION FILED: March 24, 2008

AMENDED DATE:

N/A

43012295.005

Project Name: FDOT - US 301 - Segment B (From Erie Road to CR 675)

Page: 2 of

Water Quantity/Quality

POND NO.	AREA ACRES @ TOP OF BANK	TREATMENT TYPE
Pond 1	7.63	Wet Detention
Pond 2	2.69	Wet Detention
Pond 3	18.22	Wet Detention
Pond 4A	2.45	Wet Detention
Pond 4B	0.20	Wet Detention
Pond 5	1.30	Wet Detention
T-1	0.46	Effluent Filtration
T-2	0.75	Effluent Filtration
T-3	0.69	Effluent Filtration
T-4 .	0.41	Effluent Filtration
T-5	0.23	Effluent Filtration
T-6	0.29	Retention
T-7	0.19	Retention
T-8	0.20	Retention
TOTAL	35.71	

Comments: Construction activities include 3.7 miles of 4-lane roadway, storm piping, and a surface water management system. Pond Nos. 1 through 5 are joint use ponds shared with private developments and the Parrish Fire Control District. The surface water management system has been designed to accommodate the future widening of the US 301 - Segment B roadway to six lanes. During construction, Best Management Practices (effective turbidity and sediment control measures) will be in place.

A mixing zone is not required. A variance is not required.

II. 100-Year Floodplain

	Encroachment (Acre-Feet of fill)	Compensation (Acre-Feet of excavation)	Compensation Type	Encroachment Result(feet)
l	0.00	0.00	N/A	N/A

Comments: The 100-year floodplain is not located within the project area. Historic basin storage impacts associated with impacts to wetlands and other surface waters are addressed in the hydrologic/hydraulic drainage modeling.

43012295.005

Project Name: FDOT - US 301 - Segment B (From Erie Road to CR 675)

Page:

3 of 8

III. Environmental Considerations

Wetland/Surface Water Information

Count of Wetl	ands:	22
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Wetland Name	Total	Not impacted	Permane	nt impacts	Temporary impacts		
	Acres	Acres	Acres	Functional Loss*	Acres	Functional Loss*	
Wetland 01	0.22	0.22	0.00	0.00	0.00	0.00	
Wetland 02	0.21	0.00	0.21	0.00	0.00	0.00	
Wetland 03	0.02	0.00	0.02	0.01	0.00	0.00 0.00 0.00 0.00 0.00	
Wetland 04	0.17	0.00	0.17	0.00	0.00		
Wetland 05	0.10	0.00	0.10	0.00	0.00		
Wetland 06	0.04	0.00	0.04	0.00	0.00		
Wetland 07	0.03	0.00	0.03	0.01	0.00		
Wetland 08	0.53	0.00	0.53	0.05	0.00		
Wetland 09	0.04	0.00	0.04	0.01	0.00	0.00	
Wetland 10	0.01	0.00	0.01	0.00	0.00	0.00	
Wetland 11	0.55	0.00	0.55	0.07	0.00	0.00	
Wetland 12	0.32	0.00	0.32	0.03	0.00	0.00	
Wetland 13	0.10	0.00	0.10	0.01	0.00	0.00	
Wetland 14	0.11	0.00	0.11	0.01	0.00	0.00	
Wetland 15	0.24	0.06	0.18	0.02	0.00	0.00	
Wetland 16	0.07	0.00	0.07	0.01	0.00	0.00	
Wetland 17	0.38	0.17	0.21	0.02	0.00	0.00	
Wetland 18	0.25	0.00	0.25	0.06	0.00	0.00	
Wetland 19	0.18	0.14	0.04	0.00	0.00	0.00	
Wetland 20	0.11	0.00	0.11	0.01	0.00	0.00	
Wetland 21	0.13	0.13	0.00	0.00	0.00	0.00	
Wetland 22	0.02	0.00	0.02	0.00	0.00	0.00	
TOTAL	3.83	0.72	3.11	0.32	0.00	0.00	

^{*} For impacts that do not require mitigation, their functional loss is not included.

Wetland/Other Surface Water Comments: There are 22 wetlands totaling 3.83 acres located within the project area. Permanent filling impacts are proposed to 3.11 acres of wetland habitat for roadway widening within an existing public right-of-way. Four (4) of these wetlands proposed for permanent filling impacts are isolated and less than 0.50 acre in size (Wetlands W-2, W-4, W-5, and W-6). The wetlands were evaluated using the Uniform Mitigation Assessment Method (UMAM) analysis, pursuant to Chapter 62-345, F.A.C., and identified a total functional loss of 0.32 for the proposed permanent wetland impacts.

Mitigation Information

Count of Mitigation: 2

Mitigation Name	Creation/Restoration		Enhancement		Preservation		Other	
	Acres	Functional Gain	Acres	Functional Gain	Acres	Functional Gain	Acres	Functional Gain
Braden River Mitigation Bank	0.00	0.00	0.00	0.00	0.00	0.00	0.16	0.14
Wetland C	0.00	0.00	0.70	0.18	0.00	0.00	0.00	0.00
TOTAL	0.00	0.00	0.70	0.18	0.00	0.00	0.16	0.14

Permit No.: 43012295.005

Project Name: FDOT - US 301 - Segment B (From Erie Road to CR 675)

Page: 4 of 8

Mitigation Comments: Wetland mitigation will be provided by the purchase of 0.14 forested wetland mitigation bank credits from the Braden River Mitigation Bank, Environmental Resource Permit (ERP) No. 43024576.000, and by 0.70 acre of vegetative enhancement to Wetland C. The result of the UMAM analysis indicates a total functional gain of 0.32. The UMAM analysis determined that the mitigation provided by the permit adequately offsets the project's proposed impacts to functional wetland habitat. Wetland mitigation is not required for impacts to isolated wetlands W-2, W-4, W-5, and W-6 pursuant to subsection 3.2.2.1 of the Basis of Review (B.O.R.). Under this subsection, wetland mitigation is not required for impacts to isolated wetlands that are not connected by standing or flowing water to other wetlands so that they are greater than 0.50 acre in size, are not used by threatened or endangered species, are not located in an Area of Critical State Concern, and are of mínimal value to fish and wildlife.

A regulatory conservation easement is not required.

A proprietary conservation easement is not required.

SPECIFIC CONDITIONS

- 1. If the ownership of the project area covered by the subject permit is divided, with someone other than the Permittee becoming the owner of part of the project area, this permit shall terminate, pursuant to Section 40D-1.6105, F.A.C. In such situations, each land owner shall obtain a permit (which may be a modification of this permit) for the land owned by that person. This condition shall not apply to the division and sale of lots or units in residential subdivisions or condominiums.
- 2. Unless specified otherwise herein, two copies of all information and reports required by this permit shall be submitted to:

Sarasota Regulation Department Southwest Florida Water Management District 6750 Fruitville Road Sarasota, FL 34240-9711

The permit number, title of report or information and event (for recurring report or information submittal) shall be identified on all information and reports submitted.

- 3. The Permittee shall retain the design engineer, or other professional engineer registered in Florida, to conduct on-site observations of construction and assist with the as-built certification requirements of this project. The Permittee shall inform the District in writing of the name, address and phone number of the professional engineer so employed. This information shall be submitted prior to construction.
- Within 30 days after completion of construction of the permitted activity, the Permittee shall submit to the Sarasota Service Office a written statement of completion and certification by a registered professional engineer or other appropriate individual as authorized by law, utilizing the required Statement of Completion and Request for Transfer to Operation Entity form identified in Chapter 40D-1.659, F.A.C., and signed, dated and sealed as-built drawings. The as-built drawings shall identify any deviations from the approved construction drawings.
- 5. The District reserves the right, upon prior notice to the Permittee, to conduct on-site research to assess the pollutant removal efficiency of the surface water management system. The Permittee may be required to cooperate in this regard by allowing on-site access by District representatives, by allowing the installation and operation of testing and monitoring equipment, and by allowing other assistance measures as needed on site.

43012295.005

Project Name: FDOT - US 301 - Segment B (From Erie Road to CR 675)

Page:

5 of 8

WETLAND MITIGATION SUCCESS CRITERIA: WETLAND "C" ENHANCEMENT AREA

Mitigation is expected to offset adverse impacts to wetlands and other surface waters caused by regulated activities and to achieve viable, sustainable ecological and hydrological wetland functions. Wetlands **enhanced** for mitigation purposes will be considered successful and will be released from monitoring and reporting requirements when the following criteria are met continuously for a period of at least one year without intervention in the form of irrigation or the additional or removal of vegetation.

- The mitigation area can reasonably be expected to develop into a freshwater marsh as determined by the <u>Florida Land Use and Cover and Forms Classification System</u> (third edition; January 1999).
- b. Topography, water depth and water level fluctuation in the mitigation area are characteristic of the wetlands/ surface water type specified in criterion "a".
- Species composition of recruiting desirable wetland vegetation is indicative of the wetland type specified in criterion "a".
- d. Coverage by nuisance or exotic species does not exceed *five (5)* percent at any location in the mitigation site and *five (5)* percent for the entire mitigation site.
- e. The wetland mitigation area can be determined to be a wetland or other surface water according to Chapter 62-340, F.A.C.

This criterion must be achieved within 3 years of mitigation area **enhancement**. The Permittee shall complete any activities necessary to ensure the successful achievement of the mitigation requirements by the deadline specified. Any request for an extension of the deadline specified shall be accompanied with an explanation and submitted as a permit letter modification to the District for evaluation.

The mitigation area may be released from monitoring and reporting requirements and be deemed successful at any time during the monitoring period if the Permittee demonstrates that the conditions in the mitigation area have adequately replaced the wetland and surface water functions affected by the regulated activity and that the site conditions are sustainable.

- 7. The Permittee shall monitor and maintain the wetland mitigation areas until the criteria set forth in the Wetland Mitigation Success Criteria Conditions above are met. The Permittee shall perform corrective actions identified by the District if the District identifies a wetland mitigation deficiency.
- 8. The Permittee shall undertake required maintenance activities within the wetland mitigation areas as needed at any time between mitigation area construction and termination of monitoring, with the exception of the final year. Maintenance shall include the manual removal of all nuisance and exotic species, with sufficient frequency that their combined coverage at no time exceeds the Wetland Mitigation Success Criteria Conditions above. Herbicides shall not be used without the prior written approval of the District.
- 9. Termination of monitoring for the wetland mitigation areas shall be coordinated with the District by:
 - a. notifying the District in writing when the criteria set forth in the Wetland Mitigation Success Criteria Conditions have been achieved;

43012295.005

Project Name: FDOT - US 301 - Segment B (From Erie Road to CR 675)

Page: 6 of 8

 suspending all maintenance activities in the wetland mitigation areas including, but not limited to, irrigation and addition or removal of vegetation; and

 submitting a monitoring report to the District one year following the written notification and suspension of maintenance activities.

Upon receipt of the monitoring report, the District will evaluate the wetland mitigation sites to determine if the Mitigation Success Criteria Conditions have been met and maintained. The District will notify the Permittee in writing of the evaluation results. The Permittee shall perform corrective actions for any portions of the wetland mitigation areas that fail to maintain the criteria set forth in the Wetland Mitigation Success Criteria Conditions.

- 10. Following the District's determination that the wetland mitigation has been successfully completed, the Permittee shall operate and maintain the wetland mitigation areas such that they remain in their current or intended condition for the life of the surface water management facility. The Permittee must perform corrective actions for any portions of the wetland mitigation areas where conditions no longer meet the criteria set forth in the Wetland Mitigation Success Criteria Conditions.
- 11. The construction of all wetland impacts and wetland mitigation shall be supervised by a qualified environmental scientist/specialist/consultant. The Permittee shall identify, in writing, the environmental professional retained for construction oversight prior to initial clearing and grading activities.
- 12. Wetland buffers shall remain in an undisturbed condition except for approved drainage facility construction/maintenance.
- 13. The following boundaries, as shown on the approved construction drawings, shall be clearly delineated on the site prior to initial clearing or grading activities:
 - a. wetland and surface water areas
 - b. wetland buffers
 - c. limits of approved wetland impacts

The delineation shall endure throughout the construction period and be readily discernible to construction and District personnel.

- 14. Wetland Wetlands 1 through 22 boundaries shown on the approved construction drawings shall be binding upon the Permittee and the District.
- 15. All construction is prohibited within the permitted project area until the Permittee acquires legal ownership or legal control of the project area as delineated in the permitted construction drawings.
- The Permittee, the Florida Department of Transportation, shall submit to the District a site-specific plan for erosion and sediment control best management practices, pursuant to Section 104, FDOT Standard Specifications for Road and Bridge Construction. The Permittee shall submit this plan and receive District approval prior to construction commencement.

Permit No.: 43012295.005

Project Name: FDOT - US 301 - Segment B (From Erie Road to CR 675)

Page: 7 of 8

17. The removal of littoral shelf vegetation (including cattails) from wet detention ponds is prohibited unless otherwise approved by the District. Removal includes dredging, the application of herbicide, cutting, and the introduction of grass carp. Any questions regarding authorized activities within the wet detention ponds shall be addressed to the District's Surface Water Regulation Manager, Sarasota Service Office.

18. The operation and maintenance entity shall submit inspection reports in the form required by the District, in accordance with the following schedule.

For systems utilizing effluent filtration or exfiltration **or** systems utilizing effluent filtration or exfiltration **and** retention or wet detention, the inspections shall be performed 18 months after operation is authorized and every 18 months thereafter.

- 19. Prior to installation of the filter media, the Permittee's contractor shall submit a certified test of the media to the Permittee's Professional Engineer and the District. The test shall address the following parameters: uniformity coefficient, effective grain size, sieve analysis, percent silts, clays and organic matter, and permeability testing (constant head). If testing indicates the actual permeability rate is less than the value specified in the permitted design, a permit modification will be required to lengthen the effluent filtration system. The Permittee shall also notify the Surface Water Regulation Manager, Sarasota Regulation Department, at least 48 hours prior to commencement of construction of the effluent filtration system, so that District staff may observe this construction activity.
- 20. For dry bottom retention systems, the retention areas shall become dry within 72 hours after a rainfall event. If a retention area is regularly wet, this situation shall be deemed to be a violation of this permit.
- 21. During the construction period, the Permittee's Professional Engineer shall conduct an on-site inspection to verify that the impervious liner has been constructed as permitted.
- 22. This permit is issued based upon the design prepared by the Permittee's consultant. If at any time it is determined by the District that the Conditions for Issuance of Permits in Rules 40D-4.301 and 40D-4.302, F.A.C., have not been met, upon written notice by the District, the Permittee shall obtain a permit modification and perform any construction necessary thereunder to correct any deficiencies in the system design or construction to meet District rule criteria. The Permittee is advised that the correction of deficiencies may require re-construction of the surface water management system and/or mitigation areas.
- 23. Prior to commencing any dewatering activities, a plan shall be submitted and approved by the District in writing. The Permittee shall submit two sets of dewatering plans, with supporting calculations, signed and sealed by a Florida Professional Engineer. The plans shall include, at a minimum, sediment sump locations and sizes, pump sizes and locations, location of discharge point(s) and the expected duration of dewatering.
- 24. No construction is authorized by this permit until the Permittee submits to the District recorded Drainage Easement Agreements documenting the right of the Permittee to utilize Pond Nos. 1 through 5 for the surface water management of the US 301 - Segment B project.
- 25. No construction is authorized by this permit until the Permittee completes a Section 106 consultation with the Florida Department of State, Division of Historical Resources (DHR) as it relates to significant historic properties identified within the project's area of potential effect.

43012295.005

Project Name: FDOT - US 301 - Segment B (From Erie Road to CR 675)

Page: 8 of 8

26. The Permittee shall ensure that prior to the construction of wetland impacts, a Short Form Modification to the Braden River Mitigation Bank for the withdrawal of 0.14 forested wetland credits shall be submitted to the District for US 301 Segment B (from Erie Road to CR 675). The short form modification request shall reference the project, "US 301 Segment B (from Erie Road to CR 675), ERP No. 43012295.005, and the 0.14 credits to be withdrawn. Failure to submit the short form modification requesting a credit withdrawal from the bank prior to the commencement of wetland impacts shall be a violation of this permit.

- 27. Construction within 660 feet of Bald Eagle Nest MN 017 is prohibited during the October 1 to May 15th nesting season, unless otherwise approved by the U.S. Fish and Wildlife Service. Submittal of an approved U.S Fish and Wildlife Service Bald Eagle Management Plan, or Florida Fish and Wildlife Conservation Commission Permit to the District is required prior to construction within 660 feet of this nest. Failure to submit the approved U.S. Fish and Wildlife Service Bald Eagle Management Plan, or Florida Fish and Wildlife Conservation Commission Permit will be a violation of this permit.
- 28. The Permittee shall, concurrently with construction of the roads within the project and prior to beneficial use of the site, construct the Wildlife Crossings as indicated on the approved construction drawings. The project's Operation and Maintenance Entity shall maintain the wildlife crossings in good operable condition for the life of the project as part of the overall surface water management system. Failure to maintain the wildlife crossing in their permitted/intended condition will be a violation of this permit and could result in enforcement action by the District.

GENERAL CONDITIONS

1. The general conditions attached hereto as Exhibit "A" are hereby incorporated into this permit by reference and the Permittee shall comply with them.

Authorized Signature

STANDARD PROTECTION MEASURES FOR THE EASTERN INDIGO SNAKE

- 1. An eastern indigo snake protection/education plan shall be developed by the applicant or requestor for all construction personnel to follow. The plan shall be provided to the Service for review and approval at least 30 days prior to any clearing activities. The educational materials for the plan may consist of a combination of posters, videos, pamphlets, and lectures (e.g., an observer trained to identify eastern indigo snakes could use the protection/education plan to instruct construction personnel before any clearing activities occur). Informational signs should be posted throughout the construction site and along any proposed access road to contain the following information:
 - a. a description of the eastern indigo snake, its habits, and protection under Federal Law;
 - b. instructions not to injure, harm, harass or kill this species;
 - c. directions to cease clearing activities and allow the eastern indigo snake sufficient time to move away from the site on its own before resuming clearing; and,
 - d. telephone numbers of pertinent agencies to be contacted if a dead eastern indigo snake is encountered. The dead specimen should be thoroughly soaked in water, then frozen.
- 2. If not currently authorized through an Incidental Take Statement in association with a Biological Opinion, only individuals who have been either authorized by a section 10(a)(1)(A) permit issued by the Service, or by the State of Florida through the Florida Fish and Wildlife Conservation Commission for such activities, are permitted to come in contact with or relocate an eastern indigo snake.
- 3. If necessary, eastern indigo snakes shall be held in captivity only long enough to transport them to a release site; at no time shall two snakes be kept in the same container during transportation.
- 4. An eastern indigo snake monitoring report must be submitted to the appropriate Florida Field Office within 60 days of the conclusion of clearing phases. The report should be submitted whether or not eastern indigo snakes are observed. The report should contain the following information:
 - a. any sightings of eastern indigo snakes;
 - b. summaries of any relocated snakes if relocation was approved for the project (e.q., locations of where and

when they were found and relocated);
c. other obligations required by the Florida Fish and
Wildlife Conservation Commission, as stipulated in the
permit.

Revised July 27, 1999

CESAJ-RD-SW-T SAJ-2008-1430 (IP-JPF)

November 10, 2008

MEMORANDUM FOR RECORD

SUBJECT: Department of the Army Environmental Assessment and Statement of Finding for Above-Numbered Permit Application

1. Applicant:

Florida Department of Transportation District One

801 North Broadway Avenue

Bartow, FL 33830

2. Location, Geographic Position, Existing Conditions, Project Description, Changes to Project:

a. Location: The project site involves proposed impacts to unnamed wetlands and surface waters located along an approximately 3.69-mile long segment of US 301 from Erie Road to CR 675, in Sections 1 and 2, Township 34 South, Range 18 East, Sections 29, 31, and 32, Township 33 South, Range 19 East, and Section 6, Township 34 South, Range 19 East, in Manatee County. The project is within the Manatee River Watershed (3100202).

b. Latitude/Longitude:

Latitude 27.557652 Longitude - 82.450008

- c. Existing Site Conditions: The project area includes approximately 71 acres, including 3.83 acres of wetlands. The majority of the wetlands have been impacted by adjacent activities, including the previous construction of US 301, the historical agricultural land uses, and the more recent residential development in the area.
- d. Initial Project Description As Shown on the Application: The applicant proposes to permanently impact approximately 3.11 acres of wetlands and surface waters to construct two additional travel lanes along an approximately 3.69-mile long segment of US 301. The applicant states that the project design reflects all practicable measures for avoidance and minimization of impacts, including for the siting of the stormwater management system. As mitigation for the project impacts, the applicant proposes to provide mitigation via the FDOT Mitigation Plan pursuant to 373.4137 (F.S.).
- e. Final Project Description: The approved jurisdictional determination reduced the project impacts to 2.73 acres of wetlands, and the applicant provided a functional analysis using UMAM indicating that the project would result in a loss of 0.41 unit of wetland function, and clarified that the mitigation would be done at the Hidden Harbour mitigation site. Otherwise, the final project description is the same as the initial project description.

3. Project Purpose:

- a. Basic: To widen a section of an existing highway from two lanes to four lanes to provide improved transportation capacity.
- b. Overall: To widen an approximately 3.69-mile long segment of US 301 in Manatee County from two lanes to four lanes to meet a need for additional transportation capacity in that area and adjacent areas
- 4. Scope of Analysis: The overall area under consideration measures approximately 71 acres, including the wetlands described above.
- 5. Statutory Authority: Section 404 of the Clean Water Act (33 U.S.C. 1344), as amended.
- 6. Other Federal, State, and Local Authorizations Obtained or Required and Pending:
- a. State water quality certification (WQC): The Southwest Florida Water Management District (SWFWMD) issued an Environmental Resource Individual Construction Permit (ERP) for the project on September 30, 2008.
- b. Coastal Zone Management (CZM) consistency/permit: There is no evidence or indication from the State of Florida that the project is inconsistent with the Florida CZM. Issuance of a DEP/WMD permit certifies that the project is consistent with the CZM plan.
- c. Other authorizations: No information has been received regarding any other authorizations that may be required.
- 7. Date of Public Notice and Summary of Comments:
 - a. Pre-application meeting(s): NA
- b. Important dates: The Corps received the application for the project on April 16, 2008, considered it complete on September 2, 2008, and sent a public notice on September 10, 2008, to all interested parties including appropriate State and Federal agencies.
- c. Public notice comments: The Corps has reviewed all of the comments submitted in response to the circulation of the public notice. The Corps has summarized these comments below:

- (1) U.S. Environmental Protection Agency (EPA): EPA did not respond to the public notice.
- U.S. Fish and Wildlife Service (USFWS): The USFWS responded to the public notice and the Corps' request for informal coordination on September 23, 2008. The USFWS concurred with the Corps' 'may affect, not likely to adversely affect' determination for the wood stork and the eastern indigo snake, and stated that the proposed action will not significantly affect other fish and wildlife resources.
- (3) National Marine Fisheries Service (NMFS): The NMFS EPA did not respond to the public notice
- (4) State Historic Preservation Officer (SHPO): The SHPO did not respond to the public notice.
- (5) State and local agencies: NA
- (6) Organizations: NA
- (7) Individuals: NA
- (8) Others Including Internal Coordination: NA
- d. Response to the comments: No coordination of the comments was necessary.
- e. Additional Coordination of Project Revisions: No other coordination was necessary.

8. Alternatives

- a. Avoidance: The current proposal has taken into consideration avoidance. The project site, alongside the existing road alignment, was the most practicable location for the activity.
- b. Minimization: The project was planned and designed with a view to minimizing impacts to wetland resources.
- c. Project As Proposed: The current project requires the placement of fill into waters of the United States to allow the applicant to address the need for improved infrastructure.

d. Conclusions of Alternatives Analysis: The applicant has provided an acceptable mitigation plan to compensate for unavoidable wetland impacts. The current proposal of 2.73 acres of permanent impacts to wetlands and surface waters is the least damaging, practicable alternative.

9. Evaluation of the 404(b)(1) Guidelines: The Corps reviewed the proposed project in accordance with the 404(b)(1) Guidelines. The review demonstrates that the Corps analyzed all of the alternatives and that the proposed alternative is the least environmentally damaging and practicable alternative considering expense, existing technology, and logistics. The project would not cause or contribute to violations of State Water quality standards, jeopardize the existence of any endangered species or affect a marine sanctuary. The Corps does not expect significant degradation and the applicant has taken all available practicable steps to minimize impacts.

10. Public interest review:

- a. Public interest factors: The Corps reviewed all of the public interest factors including, but not limited to, the effects the work might have on conservation, economics, esthetics, general environmental concerns, wetlands, historic properties, fish and wildlife values, land use, navigation, shore erosion and accretion, recreation, water quality, safety, and consideration of property ownership. The Corps has determined that the proposed work will not adversely affect any of the public interest factors.
- b. Describe the relative extent of the public and private need for the proposed structure or work: Public and private needs include improved transportation infrastructure.
- c. Describe the practicability of using reasonable alternative locations and methods to accomplish the objective of the purposed work where there are unresolved conflicts as to resource use: There are no unresolved conflicts regarding resource use.
- d. Describe the extent and permanence of the beneficial and/or detrimental effects, which the proposed work is likely to have on the public, and private uses to which the area is suited: Detrimental impacts are expected to be minimal although they would be permanent in the construction area. The beneficial effects associated with utilization of the property would be permanent.
- e. Threatened or endangered species: The proposed project will not affect any threatened or endangered species based on the information supplied by the applicant and the September 23, 2008, comments from the USFWS.

- f. Corps wetland policy: The proposed wetland alteration is necessary to realize the project purpose. The proposed work should result in minimal adverse environmental impacts. The benefits of the project would outweigh the minimal detrimental impacts. The proposed mitigation adequately offsets the wetland impacts. Therefore, the project is in accordance with the Corps wetland policy.
- g. Cumulative and secondary Impacts: The issue of cumulative impacts has been addressed. The proposed impacts will not result in cumulative or secondary impacts to the remaining wetlands within the general area.
- h. Corps analysis of comments and responses: The Corps did not receive any comments in response to the public notice. There are no unresolved issues.
- 11. Essential Fisheries Habitat (EFH): The project would not adversely affect Essential Fish Habitat.
- 12. Public Hearing Evaluation: No requests were received for a public hearing.

13. Determinations:

- a. Finding of No Significant Impact (FONSI): Having reviewed the information provided by the applicant and all interested parties and an assessment of the environmental impacts, I find that this permit action will not have a significant impact on the quality of the human environment. Therefore, an Environmental Impact Statement will not be required.
- b. Compliance with 404(b)(1) Guidelines: Having completed the evaluation in paragraph 8 above, I have determined that the proposed discharge complies with the 404(b)(1) guidelines.
- c. Section 176(c) of the Clean Air Act General Conformity Rule Review: The proposed permit action has been analyzed for conformity applicability pursuant to regulations implementing Section 176(c) of the Clean Air Act. It has been determined that the activities proposed under this permit will not exceed de minimis levels of direct or indirect emissions of a criteria pollutant or its precursors and are exempted by 40 CFR Part 93.153. Any later indirect emissions are generally not within the Corps' continuing program responsibility and generally cannot be practicably controlled by the Corps. For these reasons a conformity determination is not required for this permit action.

CESAJ-RD-ST SAJ-2008-1707 (IP-JPF)

SUBJECT: Department of the Army Environmental Assessment and Statement of Findings for the Above-Numbered Permit Application

d. Public Interest Determination: I find that issuance of a Department of the Army permit is not contrary to the public interest.

PREPARED BY:

REVIEWED BY:

JOHN P. FELLOWS

Project Manager, Tampa Section

CHARLES A. SCHNEPEL

Chief, Tampa Section

REVIEWED BY:

APPROVED BY

STEPHENR SULLIVAN

Chief, South Permits Branch

PAUL L. GROSSKRUGER

Commanding